

Appendix A
Safety System Oversight/Subject Matter Expertise by Site Office

**Table A8 – Summary of Needs and Assignments: NNSA YSO
Y-12 Site Office**

Safety System Category	Applicable Technical Qualification Area (FTEs Assigned/FTEs Needed for Safety System Oversight)												
	# of SSs	NE	ME	EE	I/C	CRIT	ChE PrE	FP	OS (IH)	RP	C/SE (NPH)	EP	Total
Confinement Ventilation	6	/	0.9/0.9	/	/	/	/	/	/	/	/	/	0.9/0.9
Fire Protection	11	/	/	/	/	/	/	1.0/1.0	/	/	/	/	1.0/1.0
Electrical	1	/	0.25/0.25	/	/	/	/	/	/	/	/	/	0.25/0.25
Radiation Monitoring	10	0.4/0.4	/	/	/	1.0/1.0	/	/	/	/	/	/	1.4/1.4
Hoist & Crane	0	/	/	/	/	/	/	/	/	/	/	/	/
Process	6	0.5/0.5	0.75/0.75	/	/	/	0.8/0.8	/	/	/	/	/	2.05/2.05
Communication	0	/	/	/	/	/	/	/	/	/	/	/	/
Gas & Air	1	0.1/0.1	0.1/0.1	/	/	/	0.2/0.2	/	/	/	/	/	0.4/0.4
Other	0	/	/	/	/	/	/	/	/	/	/	/	/
Total	35	1.0/1.0	2.0/2.0	/	/	1.0/1.0	1.0/1.0	1.0/1.0	/	/	/	/	6.0/6.0

Subject Matter Experts by System Category	FTEs needed for SS oversight	Names *	Comments
Confinement Ventilation	0.9	Rick Swatzell	
Fire Protection	1.0	Jim Hutton	J. Hutton is YSO's Fire Protection Engineer and is carrying out the duties of the Fire Protection System Engineer.
Electrical	0.25	David McGinty	
Radiation Monitoring	1.4	Jay McDonald (1.0) Ken Rhyne (0.4)	
Hoist & Crane	-		
Process	2.05	David McGinty (0.75) Ken Rhyne (0.5) Chelsea Hubbard (0.8)	
Communication	-		
Gas & Air	0.4	Chelsea Hubbard (0.2) Ken Rhyne (0.1) Rick Swatzell (0.1)	
Other	-		

* To address short-term supplemental needs, YSO intends to utilize the Corporate Technical Group for Support, and existing staff expertise that resides in other parts of the YSO organization. Also, YSO will continue to use one full time support contractor for Criticality Safety System Oversight.